

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-35. (Cancelled).

36. (Currently Amended) An aqueous cosmetic composition comprising, in a cosmetically acceptable medium, at least one polymer compound whose chain comprises at least two amine units chosen from -NH- and $\overset{\text{I}}{\text{-N-}}$ and is devoid of any vinyl amine or vinyl amide unit, said polymer compound being ~~modified with chemically bound to~~ at least one hydrocarbon segment chosen from ~~hydrophilic hydrocarbon segments of polyhydroxylated compounds~~ and hydrophobic hydrocarbon segments, wherein said at least one hydrocarbon segment is different from sugar and is devoid of any sulfur, silicone or amidino group, and wherein ~~the modification with hydrophobic hydrocarbon segments is not carried out by means of~~ said polymer does not comprise a bifunctional spacer group together with hydrophobic hydrocarbon segments.

37. (Currently Amended) [[A]] The composition according to claim 36, wherein the at least one polymer compound is chosen from:

- polyalkyleneimines,
- polymers that are grafted by a (C₂-C₅) alkyleneimine,
- copolymers based on amino (C₁-C₄) alkyl (meth)acrylate,
- polyallylamines,
- polycondensates of at least one compound chosen from piperazine, 1-(2-aminoethyl)piperazine, 1,4-bis(3-aminopropyl)piperazine), 1-(C₁-C₂₅) alkyl piperazine, 1,4-di((C₁-C₂₅)alkyl) piperazine, 1-(2-hydroxy((C₂-C₂₅)alkyl)) piperazine, imidazole, C₁-

C₂₅ alkylimidazole, and combinations thereof, with at least one compound chosen from a C₆-C₂₂ alkylene dihalide, an epihalohydrine, and a C₈-C₂₂ bisepoxide,

- polymers containing at least two units of one or more basic amino acids, and
- dendrimers containing end-positioned primary amines.

38. (Currently Amended) [[A]] The composition according to claim 37, wherein the basic amino acids are chosen from ornithin, asparagine, glutamine, lysine and arginine.

39. (Currently Amended) [[A]] The composition according to claim 36, wherein the at least one polymer compound is linear, branched, hyper-branched or dendrimeric.

40. (Cancelled).

41. (Currently Amended) [[A]] The composition according to claim [[40]] 36, wherein the polyhydroxylated compounds are chosen from polyalkylene glycol and polyvinyl alcohol segments.

42. (Currently Amended) [[A]] The composition according to claim 41, wherein said polyalkylene glycol segments are chosen from polyethylene glycol and polypropylene glycol segments.

43. (Currently Amended) [[A]] The composition according to claim 36, wherein the hydrophobic segments [[is]] are chosen from fatty carbon chains.

44. (Currently Amended) [[A]] The composition according to claim 43, wherein the fatty carbon chains are chosen from C₁₀-C₅₀ alkyl radicals, C₁₀-C₅₀ hydroxyalkyl radicals, C₁₀-C₅₀ carboxyalkyl radicals, ((C₁-C₁₀) alkoxy)carbonyl ((C₁₀-C₅₀) alkyl) radicals, and C₁₂-C₅₀ fatty acid esters.

45. (Currently Amended) [[A]] The composition according to claim 36,
wherein the at least one hydrocarbon segment is grafted onto the polymer compound or
sequenced with the amine units.

46. (Currently Amended) [[A]] The composition according to claim 36,
wherein the ~~modified~~ polymer compound is chosen from polyethyleneimine-
polyethylene glycol, polyethyleneimine-polyvinyl alcohol, polyallylamine-polyethylene
glycol, polyallylamine-polyvinyl alcohol, polylysine-polyethylene glycol, and polylysine-
polyvinyl alcohol.

47. (Currently Amended) [[A]] The composition according to claim 36,
wherein the ~~modified~~ polymer compound is present in an amount ranging from 0.01 %
to 40% by weight, relative to the total weight of the composition.

48. (Currently Amended) [[A]] The composition according to claim 47,
wherein the ~~modified~~ polymer compound is present in an amount ranging from 1 % to
10% by weight, relative to the total weight of the composition.

49. (Currently Amended) [[A]] The composition according to claim 36,
further comprising at least one cosmetic active agent chosen from conditioning agents
and styling agents.

50. (Currently Amended) [[A]] The composition according to claim 49,
wherein the conditioning agents are chosen from volatile cationic polymers, non-volatile
cationic polymers, linear silicones, cyclic silicones, and silicone derivatives.

51. (Currently Amended) [[A]] The composition according to claim 49,
wherein the styling agents are chosen from anionic polymers, non ionic polymers, and
amphoteric polymers.

52. (Currently Amended) [[A]] The composition according to claim 49,
wherein the at least one cosmetic active agent chosen from conditioning agents and
styling agents is present in an amount ranging from 0.01 % to 40% by weight, relative to
the total weight of the composition.

53. (Currently Amended) [[A]] The composition according to claim 52,
wherein the at least one cosmetic active agent chosen from conditioning agents and
styling agents is present in an amount ranging from 0.1 % to 20% by weight, relative to
the total weight of the composition.

54. (Currently Amended) [[A]] The composition according to claim 36,
further comprising at least one cosmetic active agent chosen from gelling agents, and/or
inorganic thickening agents, [[or]] organic associative thickening agents, [[or]] non
associative thickening agents, anionic surfactants, non-ionic surfactants, cationic
surfactants, [[or]] amphoteric surfactants, propenetrating agents, emulsifying agents,
fragrances, preservatives, fillers, sunscreens, coloring agents, proteins, vitamins,
provitamins, moisturizing agents, emollients, softening agents, mineral oils, vegetal oils,
[[or]] synthetic oils, hydrophilic active agents, [[or]] lipophilic active agents, antifoaming
agents, antiperspirants, free radical scavengers, bactericides, and anti-dandruff agents.

55. (Currently Amended) [[A]] The composition according to claim 36,
further comprising at least one solvent chosen from water, C₂-C₆ alcohols, C₂-C₆ ethers,
C₂-C₆ esters, N-methylpyrrolidone (NMP), C₃-C₆ ketones, polyols, and polyol ethers,
and polyol [[or]] esters.

56. (Withdrawn - Currently Amended) A process for providing softness to the
hair comprising applying to the hair a cosmetic composition comprising, in a

cosmetically acceptable medium, at least one polymer compound whose chain comprises at least two amine units chosen from -NH- and $-\overset{\text{I}}{\text{N}}-$ and is devoid of any vinyl amine or vinyl amide unit, said polymer compound being modified with at least one hydrocarbon segment chosen from hydrophilic and hydrophobic hydrocarbon segments, wherein said at least one segment being is devoid of any sulfur, silicone or amidino group.

57. (Withdrawn - Currently Amended) [[A]] The process according to claim 56, wherein the hydrophilic segment is not a sugar.

58. (Withdrawn - Currently Amended) [[A]] The process according to claim 56, wherein said cosmetic composition is evenly distributed on the hair.

59. (Withdrawn) A process for improving the deposition homogeneity of at least one cosmetic active agent onto keratinic materials comprising applying to said keratinic materials a cosmetic composition comprising, in a cosmetically acceptable medium, at least one polymer compound whose chain comprises at least two amine units chosen from -NH- and $-\overset{\text{I}}{\text{N}}-$, said polymer compound being modified with at least one hydrocarbon segment chosen from hydrophilic and hydrophobic hydrocarbon segments.

60. (Withdrawn) The process according to claim 59, wherein the at least one cosmetic active agent is included in the cosmetic composition at the time of application or is applied onto the keratinic materials after the cosmetic composition has been applied.

61. (Withdrawn) The process according to claim 59, wherein the at least one cosmetic active agent is chosen from conditioning agents and styling agents.

62. (Withdrawn) The process according to claim 61, wherein the conditioning agents are chosen from volatile cationic polymers, non-volatile cationic polymers, linear silicones, cyclic silicones, and silicone derivatives.

63. (Withdrawn - Currently Amended) The process according to claim 61, wherein the styling agents are chosen from anionic polymers, non-ionic polymers, and amphoteric polymers.

64. (Withdrawn - Currently Amended) The process according to claim 59, wherein the at least one cosmetic active agent is chosen from gelling agents, and/or inorganic thickening agents, [[or]] organic associative thickening agents, [[or]] non associative thickening agents, anionic surfactants, non ionic surfactants, cationic surfactants, [[or]] amphoteric surfactants, propenetrating agents, emulsifying agents, fragrances, preservatives, fillers, sunscreens, coloring agents, proteins, vitamins, provitamins, moisturizing agents, emollients, softening agents, mineral oils, vegetal oils, [[or]] synthetic oils, hydrophilic active agents, [[or]] lipophilic active agents, antifoaming agents, antiperspirants, free radical scavengers, bactericides, and anti-dandruff agents.

65. (Withdrawn) The process according to claim 56, wherein the at least one polymer compound is chosen from:

- polyalkyleneimines,
- polymers that are grafted by a (C₂-C₅) alkyleneimine,
- copolymers based on amino (C₁-C₄) alkyl(meth)acrylate,
- polyallylamines,
- polycondensates of at least one compound chosen from piperazine, 1-(2-aminoethyl)piperazine, 1,4-bis(3-aminopropyl)piperazine), 1-(C₁-C₂₅) alkyl piperazine,

1,4-di((C₁-C₂₅) alkyl) piperazine, 1-(2-hydroxy((C₂-C₂₅)alkyl)) piperazine, imidazole, C₁-C₂₅ alkylimidazole, and combinations thereof, with at least one compound chosen from a C₆-C₂₂ alkylene dihalide, an epihalohydrine, and a C₈-C₂₂ bisepoxide,

- polymers containing at least two units of one or more basic amino acids, and
- dendrimers containing primary amines.

66. (Withdrawn) The process according to claim 65, wherein the basic amino acids are chosen from ornithin, asparagine, glutamine, lysine and arginine.

67. (Withdrawn - Currently Amended) [[A]] The process according to claim 56, wherein the at least one polymer compound is linear, branched, hyper-branched, or dendimeric.

68. (Withdrawn - Currently Amended) [[A]] The process according to claim 56, wherein the hydrophilic segment is chosen from:

- segments of polyhydroxylated compounds, and
- segments of polycarboxylated compounds.

69. (Withdrawn - Currently Amended) [[A]] The process according to claim 68, wherein said polyhydroxylated compounds are chosen from polyalkylene glycol and polyvinyl alcohol segments.

70. (Withdrawn - Currently Amended) [[A]] The process according to claim 69, wherein said polyalkylene glycol segments are chosen from polyethylene glycol and polypropylene glycol segments.

71. (Withdrawn - Currently Amended) [[A]] The process according to claim 56, wherein the hydrophobic segments is-a are chosen from fatty carbon chains.

72. (Withdrawn - Currently Amended) The process according to claim 71, wherein the fatty carbon chains [[is]] are chosen from C₁₂-C₅₀ fatty alcohols, C₁₂-C₅₀ fatty acids, and C₁₂-C₅₀ fatty acid esters.

73. (Withdrawn) The process according to claim 56, wherein the at least one hydrocarbon segment is grafted onto the polymer compound or sequenced with the amine units.

74. (Withdrawn) The process according to claim 56, wherein the modified polymer compound is chosen from polyethyleneimine-polyethylene glycol, polyethyleneimine-polyvinyl alcohol, polyallylamine-polyethylene glycol, polyallylamine-polyvinyl alcohol, polylysine-polyethylene glycol, and polylysine-polyvinyl alcohol.